

There is one characteristic of the seeing on mount Hamilton which impressed me very much and that is the transparency. I am bound to admit that it is superior to that found at any of the sites tested as well as at Ottawa. I can illustrate by a reference to the well known group of stars, the Pleiades. On good nights at Ottawa nine stars are easily seen by me with the unaided eye, I have occasionally picked up eleven but with considerable straining of the eyes. At the Lick Observatory, when the cluster had about the same altitude, the first glance was sufficient to show the eleven, the two faintest ones standing out quite conspicuously. At one other place, Pentteton, the eleven could be seen much more readily than at Ottawa but not nearly so easily as at the Lick Observatory, so as regards this feature of the seeing the sites tested show up somewhat less favourable than mount Hamilton.

Apart from this particular investigation, my visit to mount Hamilton was helpful to me in other respects and I wish here to record my appreciation of the many kindnesses shown me while there.

PHOTOGRAPHS OF NORTHERN SKY AT VICTORIA.

During the occasion of my last visit to Victoria it was arranged to have photographs made of the northern heavens by simply exposing a camera to the sky for a number of hours each night. The work has been very carefully done by Mr. James Pearce, and we thus have records of the night sky from December, 1913, to the end of May, 1915, when the work was discontinued.

For the year 1914, which in the matter of bright sunshine is about normal, an inspection shows the following:—

Number of nights perfectly clear.....	70
Number of nights clear (less than 20 per cent. clouded)....	43
Number of nights partly clear (broken sky).....	28
Number of nights perfectly clear at start.....	21